ABSTRACT OF THE DISCLOSURE

Backup power device for an elevator comprises a brake including a brake controller and a manual brake rod, a damping assembly including a roller at one end of a lever, and a wheel having alternate recesses and risers, an electro-magnetic controller having a control rod, a pulley having a rope run through the manual brake rod and the control rod, an electro-magnetic brake actuator, and a backup power supply. A passenger trapped in the car can pull down the rope in case of the failure of the electro-magnetic controller, the electro-magnetic brake actuator, and the backup power supply as the lever turns to cause the roller to contact the recess or the riser. The lever moves intermittently to cause the manual brake rod to activate the brake controller for braking and releasing a motor shaft again in intervals. Eventually, the passenger can escape.